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June 19, 1993

Before the
FEDERAL COMMUNICATIONS COMMISSION
Washington, D.C. 20554

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PR Docket 93-61

JUN 22 1993

FCC MAIL ROOM

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In the matter of

Amendment of Part 90 of the
Commission's Rules
to Adopt Regulations for
Automatic 16 Vehicle
Monitoring Systems

RM-8013

JUN 22 1993

FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

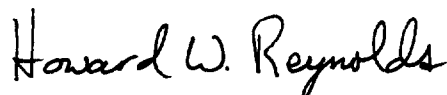
COMMENTS OF HOWARD W. REYNOLDS -- WA3EOO -- AMATEUR EXTRA CLASS

bands. Also, ISM equipment is not likely to be operating at the same time of day that the majority of Amateur Radio operations are taking place. As a result, very little friction is created by having Amateur Radio as a secondary service to radiolocation and ISM.

At this time, I would like to present a few of the items of interest which I have experienced by operating on this band since it was made available to the Amateur Radio service. The first contact made on this band from my VHF club station was from eastern West Virginia to Toronto, Ontario. Our "transceiver" consisted of a signal generator for a local oscillator, a two meter transceiver, discrete mixer, filters, receive preamplifier and a 20 watt power amplifier. Since that first contact we have subsequently learned that 903 MHz provides a propagation path much more like 432 MHz than 1296 MHz. Operation on 903 MHz has broadened my understanding of the characteristics of these frequencies; knowledge which is not found in a book.

To summarize, I have presented what I believe is an equitable solution to the problem of incompatibility between Amateur Radio and LMS operations in the 902-928 MHz band. In Docket 87-14, the FCC has created a precedent by providing an exclusive Amateur Radio allocation within the 220-225 MHz band. This same action is appropriate with regard to the 902-928 MHz band. Many Amateur Radio operators have made sizeable investments in 903 MHz equipment. This band has also spawned new products from small businesses that produce VHF/UHF/microwave Amateur Radio equipment. An exclusive allocation will encourage Amateurs to invest additional time and money in this band. Above all, removing Amateur Radio from this band is NOT an acceptable solution.

Respectfully submitted,



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